

ABSTRACT OF THE DISCLOSURE

An organic light emitting diode containing a first electrode, a second electrode, at least one organic light emitting layer, and an output coupler which reduces a Fresnel loss is provided. The index of refraction of the output coupler is matched to that of the adjacent layer of the device. The output coupler may be a dimpled transparent material or a composite layer containing light scattering particles to also reduce a critical angle loss.